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Gencore version 5.1.4_p5_4578

Run on: March 15, 2003, 23:25:27 ; Search time 4.44656 Seconds

(without alignments)

2525.515 Million cell updates/sec

OM protein - nucleic search, using frame_plus_p2n model

Title: Perfect score: US-08-978-217-12

Sequence: 1 KNSSGWKEEVLOSRN 16

Scoring table: BLOSUM62

Xgapop 10.0 , Xgapext 0.5

Xgapop 10.0 , Xgapext 0.5

Fgapop 6.0 , Fgapext 7.0

Delop 6.0 , Delext 7.0

Searched: 501302 seqs, 350932545 residues

Total number of hits satisfying chosen parameters: 1002604

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0% Maximum Match 100%

Listing first 45 summaries

Command line parameters:
-MODEL:frame_p2n,model -DEV=xlp
-Q-/cgn2_1/USPTO_spool/US08978217/runat_14032003_141840_13490/app/query.fasta_1.1500
-DB=Published Applications NA -OPMT=fastap -SUFIX=rnbp -MINMATCH=0.1
-LOOPCH=0 -LOOPEXT=0 -UNITS=bits -START=1 -END=1 -MATRIX=blosum62
-TRANSHuman40_cdi -LIST=45 -DOCALIGN=20 -THR SCORE=pc -THR MAX=100
-THR MIN=15 -ALIGN=15 -MODE=LOCAL -OUTMT=pro -NORM=ext -REAPSIZE=0.00 -MINLEN=0
-MAXLEN=2000000000 -USER=US08978217 @CGN 1_1_145 @runat 14032003_141840_13490
-NCPU=6 -ICPU=3 -NO_XLPR=1 -NO_MAP=10 -LARGEQTER=1 -NEG SCORE=0 -WAIT -LONGLOG
-DEV TIMEOUT=120 -WARN TIMEOUT=30 -THREADS=1 -XCAPOF=10 -XGAPEXT=0.5 -FGAPOP=6
-FGAPEXT=7 -YGAPOP=10 -YGAPEXT=0.5 -DELOP=6 -DELEXT=7

Database : Published Applications NA: *

1: /cgn2_6/pctodata/2/pubpna/US07_PUBCOMB.seq: *
2: /cgn2_6/pctodata/2/pubpna/PCFT_NEW_PUB.seq: *
3: /cgn2_6/pctodata/2/pubpna/US06_NEW_PUB.seq: *
4: /cgn2_6/pctodata/2/pubpna/US06_PUBCOMB.seq: *
5: /cgn2_6/pctodata/2/pubpna/US07_NEW_PUB.seq: *
6: /cgn2_6/pctodata/2/pubpna/US07_PUBCOMB.seq: *
7: /cgn2_6/pctodata/2/pubpna/US08_NEW_PUB.seq: *
8: /cgn2_6/pctodata/2/pubpna/US08_PUBCOMB.seq: *
9: /cgn2_6/pctodata/2/pubpna/US09_NEW_PUB.seq: *
10: /cgn2_6/pctodata/2/pubpna/US09_PUBCOMB.seq: *
11: /cgn2_6/pctodata/2/pubpna/US10_NEW_PUB.seq: *
12: /cgn2_6/pctodata/2/pubpna/US10_PUBCOMB.seq: *
13: /cgn2_6/pctodata/2/pubpna/US60_NEW_PUB.seq: *
14: /cgn2_6/pctodata/2/pubpna/US60_PUBCOMB.seq: *

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query	Match Length	DB ID	Description
1	84	100.0	451	10	US-09-998-598-32
2	84	100.0	499	10	US-09-998-598-32290
3	84	100.0	1915	10	US-09-964-824A-101
4	84	100.0	1915	10	US-09-964-824A-563

ALIGNMENTS

RESULT 1
US-09-998-598-32
; Sequence 32, Application US/09998598
; Patent No. US20020150922A1
; GENERAL INFORMATION:
; APPLICANT: Stoik, John A.
; APPLICANT: Xu, Jiangchun
; APPLICANT: Chenault, Ruth A.
; APPLICANT: Meagher, Madeleine Joy
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
; TITLE OF INVENTION: DIAGNOSIS OF COLON CANCER
; FILE REFERENCE: 210121_561
; CURRENT APPLICATION NUMBER: US/09/998_598
; CURRENT FILING DATE: 2001-11-16
; NUMBER OF SEQ ID NOS: 2606
; SOFTWARE: Corixa Invention Disclosure Database
; SEQ ID NO 32
; LENGTH: 451
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-998-598-32

Alignment Scores:

Prod. No.: 3.73e-06

Length: 451

Score: 84.00

Matches: 16

Percent Similarity: 100.00%

Conservative: 0

Best Local Similarity: 100.00%

Mismatches: 0

Query Match: 100.00%

Indels: 0

DB: 10 Gaps: 0

US-08-978-217-12 (1-16) x US-09-998-598-32 (1-451)

Qy 1 LysAsnSerSerglyTrpIysGluGluGluValLeuGlnSerArgAsn 16

Db 170 AAAACTCAAGCGCTGGAGAGGGTCTCCAGACTGGAC 217

RESULT 2

US-09-998-598-2290/C

; Sequence 2290, Application US/09998598

; Patent No. US20020150522A1

; GENERAL INFORMATION:

; APPLICANT: Stolk, John A.

; APPLICANT: Xu, Jiangchun

; APPLICANT: Chenault, Ruth A.

; APPLICANT: Meagher, Madeleine JOY

; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND

; TITLE OF INVENTION: DIAGNOSIS OF COLON CANCER

; FILE REFERENCE: 210121.561

; CURRENT APPLICATION NUMBER: US/09/998, 598

; CURRENT FILING DATE: 2001-11-16

; NUMBER OF SEQ ID NOS: 2606

; SOFTWARE: Corixa Invention Disclosure Database

; SEQ ID NO 2290

; LENGTH: 499

; TYPE: DNA

; ORGANISM: Homo sapiens

; US-09-998-598-2290

Alignment Scores:

Pred. No.: 4.21e-06 Length: 499

Score: 84.00 Matches: 16

Percent Similarity: 100.00% Conservative: 0

Best Local Similarity: 100.00% Mismatches: 0

Query Match: 100.00% Indels: 0

DB: 10 Gaps: 0

US-08-978-217-12 (1-16) x US-09-998-598-2290 (1-499)

Qy 1 LysAsnSerSerglyTrpIysGluGluGluValLeuGlnSerArgAsn 16

Db 95 AAAACTCAAGCGCTGGAGAGGGTCTCCAGTCGGAC 48

RESULT 3

US-09-964-824A-101

; Sequence 101, Application US/09964824A

; Patent No. US20020102331A1

; GENERAL INFORMATION:

; APPLICANT: Horrigan, Stephen

; TITLE OF INVENTION: Cancer Gene Determination and Therapeutic Screening Using Signatu

; FILE REFERENCE: 689290-73

; CURRENT APPLICATION NUMBER: US/09/964, 824A

; CURRENT FILING DATE: 2001-09-27

; PRIOR APPLICATION NUMBER: US/60/236, 033

; PRIOR FILING DATE: 2000-09-28

; PRIOR APPLICATION NUMBER: US/60/236, 032

; PRIOR FILING DATE: 2000-09-28

; PRIOR APPLICATION NUMBER: US/60/236, 028

; PRIOR FILING DATE: 2000-09-28

; NUMBER OF SEQ ID NOS: 583

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 101

; LENGTH: 1915

; ORGANISM: Homo sapiens

; US-09-964-824A-101

Alignment Scores:

Pred. No.: 2.07e-05 Length: 1915

Score: 84.00 Matches: 16

Percent Similarity: 100.00% Conservative: 0

Best Local Similarity: 100.00% Mismatches: 0

Query Match: 100.00% Indels: 0

DB: 10 Gaps: 0

US-08-978-217-12 (1-16) x US-09-964-824A-563 (1-1915)

Qy 1 LysAsnSerSerglyTrpIysGluGluGluValLeuGlnSerArgAsn 16

Db 1185 AAAACTCAAGCGCTGGAGAGGGTCTCCAGACTGGAC 1232

RESULT 5

US-09-880-107-3420

; Sequence 3420, Application US/09880107

; Patent No. US20020142981A1

; GENERAL INFORMATION:

; APPLICANT: Horne, Darci T.

; APPLICANT: Vockley, Joseph G.

; APPLICANT: Scherf, Uwe

; APPLICANT: Gene Logic, Inc.

; TITLE OF INVENTION: Gene Expression Profiles in Liver Cancer

; FILE REFERENCE: 44912-5028-WO

; CURRENT APPLICATION NUMBER: US/09/880,107

; CURRENT FILING DATE: 2001-05-14

; PRIOR APPLICATION NUMBER: US 60/211,379

; PRIOR FILING DATE: 2000-06-14

; PRIOR APPLICATION NUMBER: US 60/237,054

; PRIOR FILING DATE: 2000-10-02

; NUMBER OF SEQ ID NOS: 3950

; SOFTWARE: PatentIn Ver. 2.1

; SEQ ID NO 3420

; LENGTH: 1915

; TYPE: DNA

; ORGANISM: Homo sapiens

; FEATURE: 0

Alignment Scores:

Pred. No.: 2.07e-05 Length: 1915

Score: 84.00 Matches: 16

Percent Similarity: 100.00% Conservative: 0

Best Local Similarity: 100.00% Mismatches: 0

Indels: 0

Gap: 0

DB: 1185 AAAACTCAAGCGCTGGAGAGGGTCTCCAGACTGGAC 1232

Qy 1 LysAsnSerSerglyTrpIysGluGluGluValLeuGlnSerArgAsn 16

Db 1185 AAAACTCAAGCGCTGGAGAGGGTCTCCAGACTGGAC 1232

Best Local Similarity: 100.00% Mismatches: 0

Query Match: 100.00% Indels: 0

Gap: 0

;

OTHER INFORMATION: Genbank Accession No. US20020142981A1 U73843
US-09-880-107-3420

Alignment Scores:
pred. No.: 2.07e-05 Length: 1915
Score: 84.00 Matches: 16
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 10 Gaps: 0

US-08-978-217-12 (1-16) x US-09-880-107-3420 (1-1915)

QY 1 LysAsnSerSerGlyTrpLysGluGluValLeuGlnSerArgAsn 16
; Sequence 192, Application US/09967768A
; Patent No. US20150877A1

GENERAL INFORMATION:
APPLICANT: Augustus, Meena
TITLE OF INVENTION: Cancer Gene Determination and Therapeutic Screening Using Signatu

RESULT 6
TITLE OF INVENTION: Sets
FILE REFERENCE: 689290-72
CURRENT APPLICATION NUMBER: US/09/967-768A
PRIOR APPLICATION NUMBER: US/60/236,109
PRIOR FILING DATE: 2000-09-28

PRIOR APPLICATION NUMBER: US/60/236,034
PRIOR FILING DATE: 2000-09-28

PRIOR APPLICATION NUMBER: US/60/236,111
PRIOR FILING DATE: 2000-09-28

NUMBER OF SEQ ID NOS: 325
SOFTWARE: Patentin version 3.0

SEQ ID NO 192
LENGTH: 1915
TYPE: DNA
ORGANISM: Homo sapiens
US-09-967-768A-192

Alignment Scores:
pred. No.: 2.07e-05 Length: 1917
Score: 84.00 Matches: 16
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 1232 Gaps: 0

US-08-978-217-12 (1-16) x US-09-967-768A (1-1915)

QY 1 LysAsnSerSerGlyTrpLysGluGluValLeuGlnSerArgAsn 16
; Sequence 192, Application US/09967768A
; Patent No. US20150877A1

GENERAL INFORMATION:
APPLICANT: Xu, Jiangchun
APPLICANT: Lodes, Michael J.
APPLICANT: Secrist, Heather
APPLICANT: Benson, Darin R.
APPLICANT: Meagher, Madeleine Joy
APPLICANT: Stolk, John A.
APPLICANT: Wang, Tongtong
APPLICANT: Jiang, Yuqiu
APPLICANT: Smith, Carole Lynn
APPLICANT: King, Gordon E.
APPLICANT: Wang, Ajun
APPLICANT: Clapper, Jonathan D.

TITLE OF INVENTION: COMPOUNDS FOR IMMUNOTHERAPY AND DIAGNOSIS
TITLE OF INVENTION: OF COLON CANCER AND METHODS FOR THEIR USE
FILE REFERENCE: 210121-471C13

CURRENT APPLICATION NUMBER: US/09/922,217
CURRENT FILING DATE: 2001-08-03

NUMBER OF SEQ ID NOS: 1124
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 1105
LENGTH: 1917
TYPE: DNA
ORGANISM: Homo sapiens
US-09-922-217-1105

Alignment Scores:
pred. No.: 2.07e-05 Length: 1917
Score: 84.00 Matches: 16
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 10 Gaps: 0

US-08-978-217-12 (1-16) x US-09-922-217-1105 (1-1917)

QY 1 LysAsnSerSerGlyTrpLysGluGluValLeuGlnSerArgAsn 16
; Sequence 1105, Application US/10025380
; Publication No. US20102191A1

GENERAL INFORMATION:
APPLICANT: Xu, Jiangchun
APPLICANT: Lodes, Michael J.
APPLICANT: Secrist, Heather
APPLICANT: Benson, Darin R.
APPLICANT: Meagher, Madeleine Joy
APPLICANT: Stolk, John A.
APPLICANT: Wang, Tongtong
APPLICANT: Jiang, Yuqiu
APPLICANT: Smith, Carole Lynn
APPLICANT: King, Gordon E.
APPLICANT: Wang, Ajun
APPLICANT: Clapper, Jonathan D.

TITLE OF INVENTION: COMPOUNDS FOR IMMUNOTHERAPY AND DIAGNOSIS
TITLE OF INVENTION: OF COLON CANCER AND METHODS FOR THEIR USE
FILE REFERENCE: 210121-471C13

CURRENT APPLICATION NUMBER: US/09/922,217
CURRENT FILING DATE: 2001-08-03

NUMBER OF SEQ ID NOS: 1124
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 1105
LENGTH: 1917
TYPE: DNA
ORGANISM: Homo sapiens
US-09-922-217-1105

Alignment Scores:
pred. No.: 2.07e-05 Length: 1917
Score: 84.00 Matches: 16
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 10 Gaps: 0

US-08-978-217-12 (1-16) x US-09-922-217-1105 (1-1917)

QY 1 LysAsnSerSerGlyTrpLysGluGluValLeuGlnSerArgAsn 16
; Sequence 1105, Application US/10025380
; Publication No. US20102191A1

Db 1187 AAAACTCAAGCGCTGGAGGAGGTTCTCCAGAGTCGGAAC 1234

RESULT 9

US-09-925-301-207

; Sequence 207, Application US/09925301

; Patent No. US2002053308A1

; GENERAL INFORMATION:

; APPLICANT: Rosen et al.

; TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies

; FILE REFERENCE: PA106

; CURRENT APPLICATION NUMBER: US/09/925,301

; CURRENT FILING DATE: 2001-08-10

; PRIOR APPLICATION NUMBER: PCT/US00/05882

; PRIOR FILING DATE: 2000-03-08

; PRIOR APPLICATION NUMBER: 60/124,270

; PRIOR FILING DATE: 1999-03-12

; NUMBER OF SEQ ID NOS: 1694

; SOFTWARE: Patentin Ver. 2.0

; SEQ ID NO: 207

; LENGTH: 1996

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-925-301-207

Alignment Scores:

Pred. No.: 2.17e-05

Score: 84.00

Percent Similarity: 100.00%

Best Local Similarity: 100.00%

Query Match: 100.00%

DB: 10

Length: 1996

Matches: 16

Conservative: 0

Mismatches: 0

Indels: 0

Gaps: 0

US-08-978-217-12 (1-16) x US-09-925-301-207 (1-1996)

Qy 1 LysAsnSerSerGlyTrpLySgluGluValLeuGlnSerArg 16

Db 1206 AAAACTCAAGCGCTGGAGGAGGTTCTCCAGTCGGAAC 1253

RESULT 10

; Sequence 40, Application US/09986480

; Publication No. US20030027999A1

; GENERAL INFORMATION:

; APPLICANT: Rosen et al.

; TITLE OF INVENTION: 143 Human Secreted Proteins

; FILE REFERENCE: PS500P1

; CURRENT APPLICATION NUMBER: US/09/986,480

; CURRENT FILING DATE: 2001-11-08

; PRIOR APPLICATION NUMBER: PCT/US00/12788

; PRIOR FILING DATE: 2000-05-11

; PRIOR APPLICATION NUMBER: US 60/134,068

; PRIOR FILING DATE: 1999-05-13

; NUMBER OF SEQ ID NOS: 456

; SOFTWARE: Patentin Ver. 2.0

; SEQ ID NO: 40

; LENGTH: 1681

; TYPE: DNA

; ORGANISM: Homo sapiens

; FEATURE: SITE

; NAME/KEY: SITE

; LOCATION: (6)

; OTHER INFORMATION: n equals a,t,g, or c

; LOCATION: (50)

; OTHER INFORMATION: n equals a,t,g, or c

; US-09-986-480-40

Alignment Scores:

Pred. No.: 0.82

Score: 57.00

Percent Similarity: 81.25%

Best Local Similarity: 62.50%

Query Match: 67.85%

Db: 405 GAAATGACTCAGGTGGAGTCAGAAAGCTCAGTCAGAAGT 358

RESULT 11

US-08-978-217-12 (1-16) x US-09-986-480-40 (1-1681)

Qy 1 LysAsnSerSerGlyTrpLySgluGluValLeuGlnSerArg 16

; Sequence 678, Application US/09933797

; Patent No. US20020155119A1

; GENERAL INFORMATION:

; APPLICANT: Robert A. Sikes et al.

; TITLE OF INVENTION: Isolation and Use of Fetal Urogenital

; FILE REFERENCE: 9901-007-999

; CURRENT APPLICATION NUMBER: US/09/933,797

; CURRENT FILING DATE: 2001-08-22

; PRIOR APPLICATION NUMBER: US/09/462,933

; PRIOR FILING DATE: 2000-01-14

; PRIOR APPLICATION NUMBER: PCT/US99/10746

; PRIOR FILING DATE: 1999-05/14

; PRIOR APPLICATION NUMBER: 60/085,383

; PRIOR FILING DATE: 1998-05-14

; NUMBER OF SEQ ID NOS: 811

; SOFTWARE: FastSEQ for Windows Version 3.0

; SEQ ID NO: 678

; LENGTH: 174

; TYPE: DNA

; ORGANISM: Murine

; US-09-933-797-678

Alignment Scores:

Pred. No.: 2.01

Score: 48.00

Percent Similarity: 73.33%

Best Local Similarity: 53.33%

Query Match: 57.14%

DB: 9

Length: 174

Matches: 8

Conservative: 3

Mismatches: 4

Indels: 0

Gaps: 0

US-08-978-217-12 (1-16) x US-09-933-797-678 (1-174)

Qy 1 LysAsnSerSerGlyTrpLySgluGluValLeuGlnSerArg 15

Db 78 AGCACTTAGGAGGCTGGAAAGCAGGAGGATTCTGCAGGTCGA 34

RESULT 12

; Sequence 4493, Application US/09938842A

; Patent No. US20020160378A1

; GENERAL INFORMATION:

; APPLICANT: Harmer, Jeff

; APPLICANT: Kreps, Joel

; APPLICANT: Wang, Xun

; APPLICANT: Zhu, Tong

; TITLE OF INVENTION: STRESS-REGULATED GENES OF PLANTS, TRANSGENIC PLANTS CONTAINING

; TITLE OF INVENTION: SAME, AND METHODS OF USE

; FILE REFERENCE: SCRIPI300-3

; CURRENT APPLICATION NUMBER: US/09/938,842A

; CURRENT FILING DATE: 2001-08-24

; PRIOR APPLICATION NUMBER: US 60/227,866

; PRIOR FILING DATE: 2000-08-24

; PRIOR APPLICATION NUMBER: US 60/264,647

; PRIOR FILING DATE: 2001-01-16

; PRIOR APPLICATION NUMBER: US 60/300,111

; PRIOR FILING DATE: 2001-06-22

; NUMBER OF SEQ ID NOS: 5379

; SEQ ID NO: 4493

; LENGTH: 1571

; TYPE: DNA

; ORGANISM: Arabidopsis thaliana

; US-09-938-842A-4493

Alignment Scores: Pred. No.: 60.2 Score: 46.00 Percent Similarity: 56.25% Best Local Similarity: 50.00% Query Match: 54.76% DB: 9

RESULT 13
US-09-938-842A-760
; Sequence 760, Application US/09938842A

GENERAL INFORMATION:
APPLICANT: Harper, Jeff
APPLICANT: Kreps, Joel
APPLICANT: Wang, Xun
APPLICANT: Zhu, Tong

TITLE OF INVENTION: STRESS-REGULATED GENES OF PLANTS, TRANSGENIC PLANTS CONTAINING TITLE OF INVENTION: SAME, AND METHODS OF USE

FILE REFERENCE: SCRIP100-3

CURRENT APPLICATION NUMBER: US/09/938, 842A

PRIOR FILING DATE: 2001-08-24

PRIOR APPLICATION NUMBER: US 60/227, 866

PRIOR FILING DATE: 2000-08-24

PRIOR APPLICATION NUMBER: US 60/264, 647

PRIOR FILING DATE: 2001-01-16

PRIOR APPLICATION NUMBER: US 60/300, 111

PRIOR FILING DATE: 2001-06-22

PRIOR APPLICATION NUMBER: US 60/227, 866

SEQ ID NO 760
LENGTH: 3060
TYPE: DNA
; ORGANISM: Arabidopsis thaliana
; US-09-938-842A-760

Alignment Scores:
Pred. No.: 133 Score: 46.00 Percent Similarity: 83.33% Best Local Similarity: 66.67% Query Match: 54.76% DB: 9

Length: 3060
Matches: 8
Conservative: 2
Mismatches: 2
Indels: 0
Gaps: 0

US-09-978-217-12 (1-16) x US-09-938-842A-760 (1-3060)

QY 2 AsnSerSerGlyTrpLysGluGluGluValLeuGln 13
Db 1477 ATTCTCTAGGATGGAAACGAGAGAGTTCGCGA 1512

RESULT 14
US-09-901-106-1
; Sequence 1, Application US/09901106
; Patent No. US2002015106A1

GENERAL INFORMATION:
APPLICANT: Garoff, Henrik
Liljestrom, Peter

TITLE OF INVENTION: DNA Expression Systems Based on NUMBER OF SEQUENCES: 27
; ADDRESSEE: Birch, Stewart, Kolasch & Birch
; STREET: P.O. Box 747
; CITY: Falls Church
; STATE: Virginia
; COUNTRY: USA
; ZIP: 22204-0747

Alignment Scores: Pred. No.: 638 Score: 46.00 Percent Similarity: 85.71% Best Local Similarity: 50.00% Query Match: 54.76% DB: 10

Length: 11517
Matches: 7
Conservative: 5
Mismatches: 2
Indels: 0
Gaps: 0

US-08-978-217-12 (1-16) x US-09-901-106-1 (1-11517)

QY 3 SerSerGlyTrpLysGluGluGluValLeuGlnSerArgAsn 16
Db 675 GCCACAACTGGCCGACGACGAGGTACGGCCAGGAAAC 716

RESULT 15
US-09-983-965-4018
; Sequence 4018, Application US/09983965

GENERAL INFORMATION:
APPLICANT: Warren, Wesley C.
APPLICANT: Tao, Nengbing
APPLICANT: Byatt, John C.
APPLICANT: Mathai, Nagappan

TITLE OF INVENTION: NUCLEIC ACID AND OTHER MOLECULES ASSOCIATED WITH LACTATION AND

COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/901,106
FILING DATE: 10-Jul-2001
CLASSIFICATION: <Unknown>
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: US/07/920,281C
FILING DATE: 13-AUG-1992
ATTORNEY/AGENT INFORMATION:
NAME: Murphy Jr., Gerald M.
REGISTRATION NUMBER: 28,977
REFERENCE/DOCKET NUMBER: 828-103P
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-341-1200
TELEFAX: 703-241-2848
TELEX: 248345
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 11517 base pairs
STRANDEDNESS: single
TOPLOGY: linear
MOLECULE TYPE: RNA (Genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
TYPE: nucleic acid
ORIGINAL SOURCE:
ORGANISM: Semliki Forest Virus
FEATURE:
NAME/KEY: -
LOCATION: 1..11517
OTHER INFORMATION: /label= genome
/note= "Semliki Forest Virus complete nucleotide sequence, presented as a cloned DNA sequence; see Figure 5."
FEATURE:
NAME/KEY: CDS
LOCATION: 87..7379
OTHER INFORMATION: /product= "SFV polyprotein"
FEATURE:
NAME/KEY: CDS
LOCATION: 7421..11179
OTHER INFORMATION: /product= "SFV polyprotein"
SEQUENCE DESCRIPTION: SEQ ID NO: 1:
US-09-901-106-1

Alignment Scores: Pred. No.: 638 Score: 46.00 Percent Similarity: 85.71% Best Local Similarity: 50.00% Query Match: 54.76% DB: 10

Length: 11517
Matches: 7
Conservative: 5
Mismatches: 2
Indels: 0
Gaps: 0

US-09-901-106-1
; Sequence 1, Application US/09901106
; Patent No. US2002015106A1

GENERAL INFORMATION:
APPLICANT: Garoff, Henrik
Liljestrom, Peter

TITLE OF INVENTION: DNA Expression Systems Based on NUMBER OF SEQUENCES: 27
; ADDRESSEE: Birch, Stewart, Kolasch & Birch
; STREET: P.O. Box 747
; CITY: Falls Church
; STATE: Virginia
; COUNTRY: USA
; ZIP: 22204-0747

Alignment Scores: Pred. No.: 60.2 Score: 46.00 Percent Similarity: 56.25% Best Local Similarity: 50.00% Query Match: 54.76% DB: 9

RESULT 15
US-09-983-965-4018
; Sequence 4018, Application US/09983965

GENERAL INFORMATION:
APPLICANT: Warren, Wesley C.
APPLICANT: Tao, Nengbing
APPLICANT: Byatt, John C.
APPLICANT: Mathai, Nagappan

TITLE OF INVENTION: NUCLEIC ACID AND OTHER MOLECULES ASSOCIATED WITH LACTATION AND

; TITLE OF INVENTION: MUSCLE AND FAT DEPOSITION
; FILE REFERENCE: 37-21 (10297)
; CURRENT APPLICATION NUMBER: US/09/983, 965
; CURRENT FILING DATE: 2001-10-26
; PRIOR APPLICATION NUMBER: US 09/465, 231
; PRIOR FILING DATE: 1999-12-15
; PRIOR APPLICATION NUMBER: US 60/113, 678
; PRIOR FILING DATE: 1998-12-17
; NUMBER OF SEQ ID NOS: 5912
; SEQ ID NO 4018
; LENGTH: 463
; TYPE: DNA
; FEATURE:
; ORGANISM: Bos taurus
; OTHER INFORMATION: Clone ID: 54-L1B3058-022-Q1-K1-F10

Alignment Scores:
Pred. No.: 21.1 Length: 463
Score: 45.00 Matches: 8
Percent Similarity: 71.43% Conservative: 2
Best Local Similarity: 57.14% Mismatches: 4
Query Match: 53.57% Indels: 0
DB: 10 Gaps: 0

US-08-978-217-12 (1-16) x US-09-983-965-4018 (1-463)

QY 1 LyRasnSerSerGlyTrpLysGluGluValLeuGlnSer 14
Db 228 GAAAGCCACTCTGCTTGGAAATACAAAGATGCGTGTGCT 269

Search completed: March 16, 2003, 03:36:14
Job time : 8.44656 secs